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DATE MAILED: 05/04/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/624,456	07/22/2003	Donald A. Kerth	SILA:122	5560
60939	7590 05/04/2006		EXAMINER	
LAW OFFICES OF MAXIMILLIAN R. PETERSON P.O. BOX 93005 AUSTIN, TX 78709-3005			NGUYEN, LEE	
			ART UNIT	PAPER NUMBER
			2618	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) Applicant(s) Applicant(s) 10/524.456 KERTH ET AL Examiner LEE MGUYEN 2618 Art Unit LEE MGUYEN AS HORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHCHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.35(a). In or servet, however, may a rapy to sensely filed after 518 communication. Provision to reply is pacified above, the malament statisticy period value pack 518 (x) MONTHS from the among date of the communication. Provision to reply is pacified above, the malament statisticy period value pack 518 (x) MONTHS from the malament and state 18 (x) MONTHS from the malament and the malament pack of the communication Provision to reply is packed by the Clitical within the meaning after of the communication, even if limitely filed, may reduce any seasoned patient term adjournment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 20 This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 2.13. Disposition of Claims 4) Claim(s) 1-4 is/are pending in the application. 43 Of the above claim(s) Is/are withdrawn from consideration. 5 Claim(s) Is/are allowed. 6 Claim(s) Is/are allowed.		Application No.	Amplicant		
Examiner Examiner LEE NOUVEN 2618		Application No.			
LEE NOUVEN	Office Action Summers	10/624,456	KERTH ET AL.		
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Examinor for mery be switched under the provisions of 37 GFt. 11:30(i). In one vent, however, may a reply be stimply field If NO period for reply is appointed above, the maximum statutory prior will apply and will expire SIX (8) MONTHS from the mailting alle of this communication. Failur to reply which his set or developed point for signy it. by statutic, cause the application become ABMANDER (50 st. 9.5 st.). Any reply received by the Office later than the months affor the mailting date of this communication, even if timely filed, may reduce any search patient the adjustment. See 3 CFR. 17:40(1). Status 1) Responsive to communication(s) filed on	Office Action Summary	Examiner	Art Unit		
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WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In ceivent, news empty be timely flied after SIX (6) MONTHS from the mailing date of this communication. Failuse to recy within the set or extended périods rowly will be place. SIX (6) MONTHS from the mailing date of this communication. Failuse to recy within the set or extended périods rowly will by status. Cause the application to become ABANDONEO (54 U.S. €, 1303). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any seried advants them adjustment. Set 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address		
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2a) ☐ This action is FINAL. 2b) ☑ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) 1-4 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☑ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) is/are objected to solution and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Status				
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Paper No(s)/Mail Date 6) Other:	1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	Paper No(s)/Mail Da 5) Notice of Informal P	ite		

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Fletcher (US 3,100,282).

Regarding claim 1, Fletcher teaches a converter in a radio-frequency (RF) apparatus, the converter comprising a feedback circuitry (30, 16, 10, 15, see figures 1-2) having a shielded input 32 and a shielded output 34, wherein the shielded input and the shielded output inherently tend to reduce interference in the converter.

Regarding claim 2, Fletcher teaches a first filter 11 coupled to the shielded input 32 of the feedback circuitry (30, 16, 10, 15, figs. 1-2); and a second filter 34 coupled to the shielded output of the feedback circuitry (30, 16, 10, 15, figs. 1-2).

Regarding claim 3, Fletcher teaches a method of reducing interference in a non-linear circuit in a radio-frequency (RF) apparatus, wherein the non-linear circuit 11, 12, 14 (fig. 2) has an input 32 and an output 34, the method comprising: shielding 32 an input of the non-linear circuit 11, 12, 14; and shielding 34 an output of the non-linear circuit 11, 12,

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14 (fig. 2).

Regarding claim 4, Fletcher also teaches comprising filtering 11 an input signal supplied to the input of the non-linear circuit 11, 12, 14 (fig. 2).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEE NGUYEN whose telephone number is 571-272-7854. The examiner can normally be reached on FIRST FRIDAY OFF.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANDERSON D. MATTHEW can be reached on 571-272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PRIMARY EXAMINER